#16

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 5437.06	APPLN. NO. 09/862,652
	APPLICANT: John A. Doherty et al.	
	FILING DATE 21 May 2001	GROUP 3752

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SJB		4,230,280	10/1980	Leigh et al.	239	677	
		4,373,668	02/1983	Forbes et al.	239	74	
		4,422,562	12/1983	Rawson	222	55	
		4,700,895	10/1987	Takata	239	664	
		4,955,538	09/1990	Laube et al.	239	1	
		~~Re.35,100~~	~~11/1995~~	~~Monson et al.~~	~~111~~	~~130~~	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
	7/27/04

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FORM PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 5437.06	SERIAL NO. 09/862,652
	APPLICANT: John A. Doherty	
	FILING DATE May 21, 2001	GROUP 3752

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SOR	1.	3,540,655	11/1970	Hinrichs	239	75	
	2.	3,655,130	04/1972	Patrick	239	77	
	3.	3,856,206	12/1974	Bell, et al.	239	75	
	4.	3,891,979	06/1975	Braun, et al.	340	234	
	5.	4,077,139	03/1978	Fagervold et al.	37	41	
	6.	4,084,748	04/1978	Anderson, et al.	239	74	
	7.	4,176,791	12/1979	Cattaneo, et al.	239	76	
	8.	4,209,065	06/1980	Ledent	166	64	
	9.	4,210,284	07/1980	Tarnay, et al.	239	75	
	10.	4,503,806	03/1985	Prusak, et al.	118	712	
	11.	4,523,280	06/1985	Bachman	364	424	
	12.	4,529,336	07/1985	Shinozaki et al.	406	14	
	13.	4,684,062	08/1987	Bagwell	239	1	
	14.	4,768,716	09/1988	Buchanan, Jr., et al.	239	284.1	
	15.	4,803,626	02/1989	Bachman et al.	364	424.07	
	16.	4,809,197	02/1989	Tashiro et al.	364	550	
	17.	4,984,163	01/1991	Kuwana et al.	364	426.02	
	18.	5,012,977	05/1991	Karklins, et al.	239	284.1	
	19.	5,028,017	07/1991	Simmons, et al.	244	134C	
	20.	5,366,039	11/1994	Sawada	180	197	
	21.	5,452,966	09/1995	Swisher, Jr.	404	72	
	22.	5,449,049	09/1995	Every	180	197	
	23.	5,699,056	12/1997	Yoshida	340	905	
	24.	5,746,539	05/1998	Mara	404	84.05	
	25.	5,774,070	06/1998	Rendon	340	905	
	26.	5,818,339	10/1998	Giles et al.	340	583	
	27.	5,928,504	07/1999	Hembre, et al.	218	88	
	28.	5,947,391	09/1999	Beck et al.	239	677	
	29.	5,957,621	09/1999	Clark, Jr. et al.	404	111	
	30.	6,092,745	07/2000	Seymour et al.	239	675	
	31.	6,173,904	01/2001	Doherty et al.	239	1	
	32.	6,246,938	06/2001	Giletta et al.	701	50	
	33.	6,377,881	04/2002	Mullins	701	50	
	34.	6,535,141	03/2003	Doherty	340	905	
✓	35.	6,538,578	03/2003	Doherty	340	905	

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		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
SOB	36.	2,060,418	08/1993	Canada				
SOB	37.	2,233,689	04/1997	Canada				

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SOB	38.	Advertisement, COMPU-SPREAD™ "Introducing our On board Liquid Pre-Wetting System. C.I.S. – SERIES," Appears to be available as early as April 1997
	39.	GL 400 Spreader Control Presentation, Component Technology, Appears to be available as early as March 15, 2001
	40.	White Paper, "Ice! Alert," Appears to be available as early as 1998
	41.	"SaltMiser™ Operating Instructions," December 8, 1997
	42.	Marketing Document, DIDACTICS Incorporated, " Why SaltMiser?," pages 1, 3, and 5 of 6 available
	43.	Marketing Document, DIDACTICS Incorporated, "Saltmiser™ 2.0 A Real Time Salt Application Controller," October 25, 1997
	44.	Marketing Document, DIDACTICS Incorporated, "IR Applications for Ice and Snow Control," pages 335-362 available, Appears to be available as early as May 12, 1998
	45.	Brochure, Enator Telub AB, "Mobile Road Condition Monitoring," Appears to be available as early as 1998
	46.	Article, "Better bridge deicing on the way?" Better Roads, June 1995
	47.	Advertisement, Passport 5000, "Only Passport 5000 Gives You the Total Picture," 1995
	48.	Article, "Roads Report," edited by Larry Flynn, Roads & Bridges, March 1993
	49.	Article, "Americans can Learn a Lot from European, Japanese Snowfighters," by Leland D. Smithson, P.E., Roads & Bridges, pages 30-32 available, June 1995
	50.	Article, "Developments Improve Road Weather Information Systems," Betters Roads, pages 21 and 24 available, October 1995
	51.	Draft Proposal, Policy Recommendations to the RAQC Concerning the Comprehensive Long Range Air Quality Plan, from the Street Sanding/Cleaning Subcommittee City of Aurora Public Works Dept. (Colorado), November 1, 1995
	52.	Article, "RWIS helps with snow and ice control," Better Roads, September 1994
	53.	Brochure, Tell Temp 750, Geneva Scientific, October 1994
	54.	Brochure, "Artificial Intelligence/Expert Systems," Kaman Sciences Corporation, Copyright 1991
	55.	Article, "Traffic Sensor System," Better Roads, December 1995
	56.	Article, "The View From Space Satellites keep eye on earthly activity," USA Today
	57.	Article, "Riding the Data Highway," Newsweek, Page 97, March 21, 1994
	58.	Picture diagram, "One-Second Emissions Test," Denver Post, May 7, 1995
	59.	Article, "Colorado Hosts Pilot Workshop Pavement Preventive Maintenance: An Idea Whose Time Has Come," Focus, US Department of Transportation Federal Highway Administration, August 1995
	60.	Article, "Innovations in ITS," ITE Journal, December 1996
	61.	Brochure, "KEMS . . . A Geographic Information System Tailored for Emergency Management Applications," Kaman Sciences Corporation
	62.	Article, "Measuring Salt's Effectiveness in New York," Better Roads, January 1995
	63.	Excerpts from America Online: KKlean, June 30, 1995
V	64.	Article, "Clementine Searches for Ice on Moon," by Jane E. Allen, Sunday Camera, April 17, 1994

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SOB	65.	Article, entitled "Cellular technology has new niche, Phones offer mobile control in rural Colorado," by Dinah Zeiger, Denver Post, August 21, 1994
	66.	Article, "Columbia/HCA system speeds test result delivery," USA Today, November 11, 1994
	67.	Article, "Danger – Black Ice!" Traffic Technology International, 1994
	68.	Article, "New Horizons at Harris," by Bernie Ward, Sky, December 1994
	69.	Kaman Annual Report, 1993
	70.	Article, "Humidity and Pressure Measurement," Vaisala News, 1992
	71.	Kaman, A Technology Company, Fact Book, 1993
	72.	Article, "The Snow on Pluto," by Jeffrey Winters, Discover, January 1997
	73.	Article, "Water, Pure and Simple," by Ashok Gadgil, Discover, pages 87-88, July 1996
	74.	Article, "One Very Cold Lake," by Kathleen Spiessbach, Discover, page 26, January 1997
	75.	Article, "Perpetual Flight," by Kathy A. Svitil, Discover, page 38, November 1996
	76.	Advertisement, Cole-Parmer Instrument Company, re: Cole-Parmer Low-Cost Infrared Thermometers, 1997
	77.	Brochure, Southwest Research Institute – Guide, 13 pages, August 1996
	78.	Brochure, Southwest Research Institute – Guide, 13 pages, January 1998
	79.	Brochure, "Facts About Southwest Research Institute," Southwest Research Institute, San Antonio, Texas
	80.	Annual Report from Southwest Research Institute, 1996
	81.	Annual Report from Southwest Research Institute, 1997
	82.	Feedback on article, "Managing Winter Weather" and "Visibility a Key Component of Weather Systems," by John D. Crosby, December 1996
	83.	Article, "Ordinary Vinegar Found Among Stars," by Paul Recer
	84.	Brochure, "Solving Today's Problems for Tomorrow's Safety," Control Products, Inc.
	85.	Advertisement, "Are You Still Detecting Icy Roads Between Pavement Sensors by the Seat of Your Pants?" Vaisala
	86.	Brochure, "Better Roads. . . Safer Roads. . . More Cost Effective Roads. . . Through Innovations in Technology," Federal Highway Administration
	87.	Article, "Sensors to Help State Keep Ahead of Storms," by Ed Vogel
	88.	Brochure, "Autoscope," Econolite Control Products, Inc.
	89.	Brochure, "Playing with Fire – Science and Politics of Air Pollution from Cars"
	90.	Article, "Out Front – What's Happening in the World of ITS"
	91.	Article, "New Auto Technology Helps Guide Drivers, Avoid Crashes," by Earle Eldridge, USA Today
	92.	Advertisement, "Hand-Held Autoranging Conductivity Meters"
	93.	Instruction Manual from Coralba ab, Sweden, "Instructions for C-u Friction Tester"
	94.	Advertisement, VIBRO-METER SA, Fribourg, Switzerland
	95.	SCAN FP 2000 Sensor Advertisement, Surface Systems Inc.
	96.	Brochure, "425 Ultrasonic Wind Sensor"
	97.	Article, "Magnetic strips make snow ploughs smarter", ITS: Intelligent transport systems, January/February 1997.
	98.	Article, "ITS applications for magnetic tape", ITS: Intelligent transport systems, January/February 1997.
	99.	Article, "UK proposes three private traffic control centres", ITS: Intelligent transport systems, January/February 1997.
✓	100	Article, "Crash warning system set for sale in Europe and Japan", ITS: Intelligent transport systems, January/February 1997.

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	APPLICANT: Doherty et al.	
	FILING DATE May 21, 2001	ART UNIT 3752

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SD	1.	5,343,744	09/06/1994	Ammann	~~73~~	~~170.13~~	

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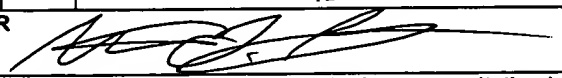
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER  DATE CONSIDERED 7/27/04

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